

SAN JOAQUIN VALLEY

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| YEARS 1 & 2 Funding | 134 projects for approx. \$129,000,000 |
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The San Joaquin Valley Region:

- Supplies 45% of the nation's fruits and vegetables.
- Has the three largest agricultural counties in the Nation based on gross receipts.
- Provides drainage for seven major Sierra Nevada rivers.
- Anticipates population to double in the next 20 years.
- Contains 12 different groundwater basins – six are subject to critical overdraft.
- Provides major resting areas for the Pacific flyway waterfowl.

Water Quality

- Implemented selenium, dissolved oxygen, and other water quality projects.
- Conducted drinking water quality treatment technology projects.
- Monitored water quality at the watershed and project levels.

Ecosystem Restoration and Watersheds

- *Funded 48 ecosystem restoration projects totaling \$66 million.*
- *Reconstructed channel-floodplain habitat and restore dynamic river processes on the Tuolumne and Merced Rivers.*
- *Supported restoration of the San Joaquin River below Friant Dam.*
- *Supported local community-based efforts to make watersheds healthier, improving water quality, ecosystems, and water supply, including Calaveras, Fanoche Creek, Tuolumne and Merced River watersheds.*

Water Supply Reliability

- Initiated preliminary studies for new surface storage in the upper San Joaquin river watershed
- Provided grants to local agencies to plan for more effective conjunctive use of surface and groundwater supplies.
- Supported Friant/MWD water quality exchange. Local agriculture water contractors are working with Southern California urban suppliers to make high quality Sierra runoff available for potable uses.
- Supported local water conservation and recycling projects to increase usable water supply, improve water quality, and enhance stream flows. Projects include canal lining and automation, drip irrigation, and on-farm integrated drainage.

For a comprehensive look at
CALFED projects log on to
<http://calfed.ca.gov>

INNOVATIVE PARTNERSHIPS

The San Joaquin Valley and Tulare Basin are as varied as they are rich in agricultural, natural, and human resources. As such, regional partnerships have a long history here. CALFED agencies are doing their part to help local initiatives that are aimed at restoring and enhancing ecological and water supply resources.

Ongoing programs in the San Joaquin Valley include:

- San Joaquin River Restoration Program – a partnership of the Friant Water Users Association and the Natural Resources Defense Council to determine ways to restore the river below Friant Dam.
- Water Quality Exchange Program – a partnership of the Friant Water Users Association and the Metropolitan Water District of Southern California to develop methods to provide high quality Sierra runoff for potable uses.
- Groundwater Conjunctive Use Studies – DWR has entered into several cooperative agreements with local groundwater management agencies to investigate potential conjunctive use programs.

REGIONAL PRIORITIES AND ISSUES

- Expanding existing or constructing new surface storage
- Enhancing locally managed groundwater conjunctive use
- Recovering at-risk native species by restoring habitat
- Rehabilitating natural riverine processes
- Reducing local health concerns by improving water quality



STATEWIDE BENEFITS

As progress is made on enhancing local water and ecosystem resources, the San Joaquin Region provides benefits to the state as a whole, including:

- Reduced Delta demand during critical periods by increasing regional surface and groundwater storage and reducing water losses
- Improved and inter-connected aquatic and terrestrial habitat contributes to improving the overall health of the estuary
- Improved regional water quality in the San Joaquin River and its tributaries reduces demand for Delta water
- Investing in local programs to restore watersheds contributes to the overall environmental and economic health of the region and the state
- Increasing utility of water supplies by streamlining water transfers and investing in local water use efficiency projects reduces regional demands on the Delta